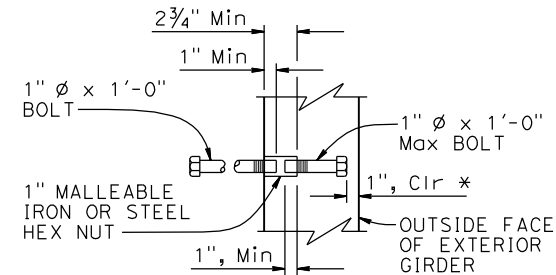


LOCATION	A	B	C	D	E
GIRDER A	#_ @ _"	#_ @ _"	#_ @ _"	#_ @ _"	#_ @ _"
GIRDER B					
GIRDER C					
GIRDER (Etc)					

GIRDER ELEVATION

NOTE:
Girder ends to be cast such that a level surface is provided at bearing pads

LOCATION	GIRDER LENGTH (L)	GIRDER DEPTH (D)	NUMBER OF 0.6" Ø STRANDS	JACKING FORCE (P)	CONCRETE STRENGTH (ksi)		MIDSPAN DEAD LOAD DEFLECTION (In)		ADDITIONAL TOP BAR (EACH END)
					f'ci	f'c	DECK	RAIL	
GIRDER A				_ kips (_ kips/STRAND)					#_ x _ Tot _
GIRDER B									
GIRDER C									
GIRDER (Etc)									

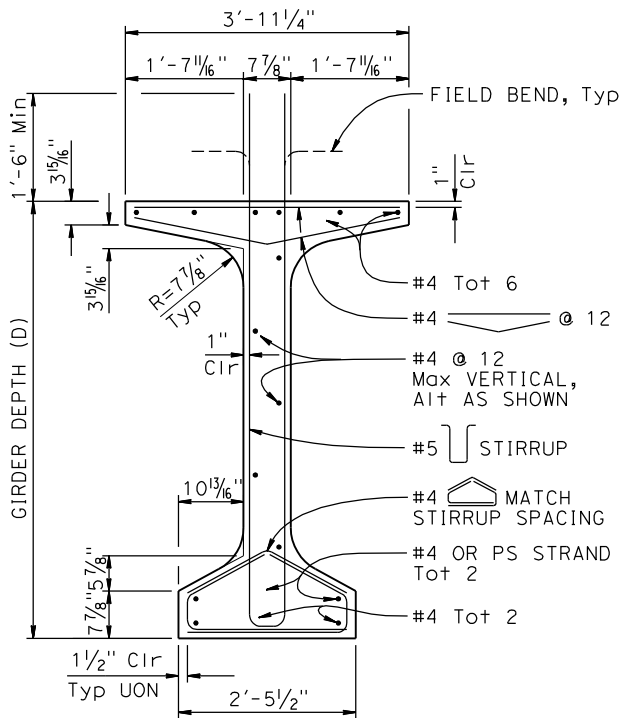


* DIMENSION MAY BE INCREASED WHEN INSERT ASSEMBLY IS USED AT END BLOCK

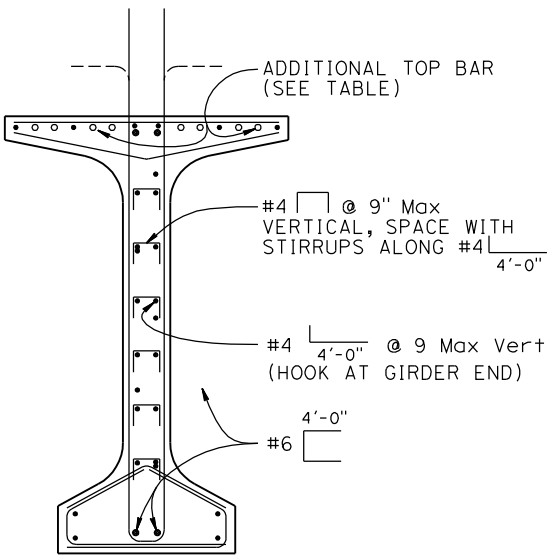
INSERT ASSEMBLY

PRESTRESSING NOTES

- The Jacking Force (P) is the jacking force required at the point of control along the span. The jacking force does not include any fabrication specific losses
- The maximum temporary tensile stress (jacking stress) in the prestressing steel shall not exceed 80% of the specified minimum ultimate tensile strength of the prestressing steel
- Concrete strength:
f'ci is at time of initial stressing
f'c is at 28 days
- Deflection components are informational and will be used to set screed line elevations
- Screed line elevations for deck concrete will be determined by the Engineer
- Prestressing strand shall be 270 ksi low relaxation

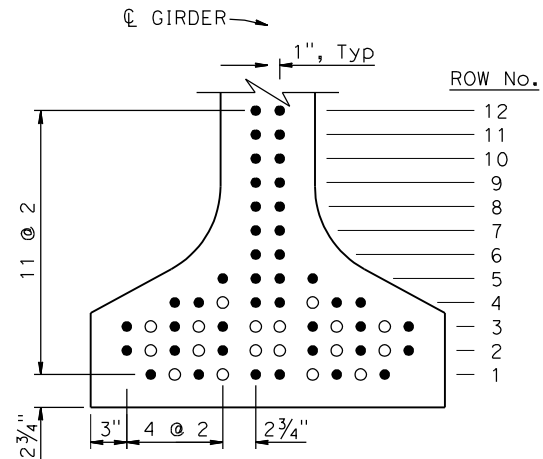


TYPICAL GIRDER SECTION



NOTE:
For details not shown, see "TYPICAL GIRDER SECTION" detail

SECTION A-A



LEGEND:

- DENOTES CONTINUOUSLY BONDED STRAND LOCATION
- DENOTES PERMISSIBLE DEBONDED STRAND LOCATION

STRAND TEMPLATE & DEBONDING PATTERN

NOTES:

- Strands shall be placed as low as possible in the strand template and symmetrical about CL Girder
- No more than 33% of the total number of strands and 50% of the strands per horizontal row may be debonded
- Strand locations may be adjusted as approved by the Engineer

NO SCALE

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
X	X	X	X	X	X
REGISTERED CIVIL ENGINEER			X	DATE	
PLANS APPROVAL DATE					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.			REGISTERED PROFESSIONAL ENGINEER No. X Exp. X CIVIL STATE OF CALIFORNIA		

NOTE: For "WELDED WIRE REINFORCEMENT (WWR) ALTERNATIVE", see "PC/PS BULB-TEE GIRDER (MISCELLANEOUS DETAILS)" sheet

STANDARD DRAWING				STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION		DIVISION OF ENGINEERING SERVICES		BRIDGE NO. X POST MILE X		X							
FILE NO. xs1-121-1	APPROVAL DATE July 2011							PC/PS BULB-TEE GIRDER (DEBONDED STRANDS)									
DS OSD 2147A (ENGLISH STANDARD DRAWING "XS" BORDER REV. (02-02-11))										REVISION DATES		SHEET	OF				
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS										UNIT: X PROJECT NUMBER & PHASE: X		CONTRACT NO.: X		DISREGARD PRINTS BEARING EARLIER REVISION DATES		X	X
										FILE => \$REQUEST							

TIME PLOTTED => \$TIME

DATE PLOTTED => \$DATE

USERNAME => \$USER